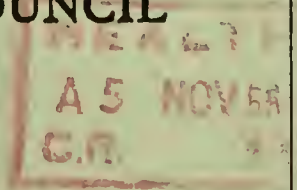


DESBOROUGH
URBAN DISTRICT COUNCIL



ANNUAL
REPORT

of the

Medical Officer of Health

For the Year 1957

Desborough Urban District Council

Chairman of the Council :

COUNCILLOR W. MANTON, J.P.

Vice-Chairman of the Council :

COUNCILLOR D. A. MARLOW.

Clerk to the Council :

MR. G. GREAVES.

Members of the Public Health Committee : 1957-1958.

COUNCILLORS F. C. DRAPER (Chairman), E. BARLOW, P. C. BLISSETT, B. G. FOSTER, S. L. KILBORN, W. MANTON, J.P., H. W. TAILBY.

Public Health Officer of the Local Authority :

Medical Officer of Health : —

JAMES CARROLL, M.B., B.CH., B.A.O., L.M., D.P.H., D.CH.

also holds the appointments of

Medical Officer of Health, Burton Latimer Urban District Council.

Medical Officer of Health, Corby Urban District Council.

Medical Officer of Health, Rothwell Urban District Council.

Medical Officer of Health, Kettering Rural District Council.

School Medical Officer.

Secretary :

MISS M. W. LANGLEY.

Surveyor and Public Health Inspector :

J. HOLDSWORTH, M.R.SAN.I., M.S.I.A., CERT. MEAT AND FOODS, R.S.I.

Public Health Department,
75 London Road,
KETTERING.
May, 1958.

*To the Chairman and Members of the
Desborough Urban District Council.*

MR. CHAIRMAN, MRS. GROOCKOCK AND GENTLEMEN,

I have the honour to present my fourth Annual Report on the Health and Sanitary Circumstances of the Urban District for the year 1957.

The report has been written in accordance with the Ministry of Health Circular 1/58 dated 13th January, 1958. The Vital Statistics for the year under review were as follows, for comparison the 1956 figures are included in parentheses.

The Population (Registrar General's mid-year estimate) is 4,940 (4,940) and the Vital Statistics in this report are based on this figure. The Birth Rate was 13.16 (13.77) but there was an actual decrease in live births by three. The Crude Death Rate 13.16 (9.72) showed an increase by seventeen deaths, the registered causes of deaths are listed on page 6. The Infant Mortality Rate was nil which means there were no deaths under one year of age out of 65 live births, this is very satisfactory and a pleasure to record. Once again there were no deaths under the heading of Maternal Mortality which is also highly commendable.

Section F deals with the Prevalence of Infectious Diseases. Under this heading it will be noted that two cases of Respiratory and one case of Non-Respiratory Tuberculosis were notified during the year.

Section C, D and E of the report have been submitted by your Public Health Inspector and Surveyor. It will be noted in Section D that 26 Demolition Orders were made in respect of houses found unfit for human habitation.

In conclusion, I would like to take this opportunity of thanking the Chairman and Members of the Health Committee for their continued support and help, and Mr. Holdsworth for information supplied for this report and for his ever ready assistance throughout the year. I should also like to thank Mr. Greaves and staff for assistance on many matters throughout the year. I appreciate very much the assistance received from Miss Langley in compiling this report.

I have the honour to be,
Your obedient Servant,
JAMES CARROLL,
Medical Officer of Health.

SUMMARY OF VITAL STATISTICS

The following is a summary of the principal statistics for the years
1953, 1954, 1955, 1956 and 1957

	1953	1954	1955	1956	1957
Area (acres)	2,400	2,400	2,400	2,400	2,400
Population (Registrar General's Estimate)	4,910	4,940	4,940	4,940	4,940
Number of Live Births	76	58	46	68	65
Legitimate	75	54	45	66	64
Illegitimate	1	4	1	2	1
Birth rate per 1,000 population	15.48	11.74	9.31	13.77	13.16
Number of Still Births	3	3	2	3	2
Legitimate	3	3	2	3	2
Illegitimate	—	—	—	—	—
Rate per 1,000 total (live and still births)	37.97	49.18	41.67	42.25	29.85
Rate per 1,000 population	0.61	0.61	0.40	0.61	0.40
Number of Deaths	50	49	66	48	65
Death rate per 1,000 population	10.18	9.92	13.36	9.72	13.16
Deaths from Pregnancy, Child-birth and Abortion	—	—	—	—	—
Infantile Mortality rate per 1,000 live births	26.32	—	21.74	58.82	—
Neonatal Mortality rate per 1,000 live births	—	—	21.74	29.42	—
Deaths from all forms of Tuberculosis	1	2	1	—	1
Deaths from Respiratory Tuberculosis	—	2	1	—	—
Deaths from Malignant Neoplasms	6	10	10	9	20
Deaths from Measles (all ages)	—	—	—	—	—
Deaths from Whooping Cough (all ages)	—	—	—	—	—
Deaths from Enteritis and Diarrhoea under two years of age	—	—	—	—	—
Deaths from Acute Poliomyelitis and Polioencephalitis	—	—	—	—	—

SECTION A. Statistics and Social Conditions.

Area (acres)	2,400
Registrar General's estimate of resident population ...	4,940
Number of Inhabited houses (end of 1957)	1,660
Rateable Value	£45,966
Sum represented by Penny Rate	£176

The chief occupations of the inhabitants are as follows :—Boot and shoe manufacture, Corset manufacture, manufacture of Cardboard Boxes and Rigid Containers, Ironstone Quarrying and Farming.

Extracts from Vital Statistics for the Year :

LIVE BIRTHS				<i>Total</i>	<i>Males</i>	<i>Females</i>
Legitimate	...	...	...	64	36	28
Illegitimate	...	...	...	1	—	1
TOTALS ...				65	36	29

Birth Rate per 1,000 of the estimated population 13.16

STILL BIRTHS				<i>Total</i>	<i>Males</i>	<i>Females</i>
Legitimate	...	...	...	2	2	0
Illegitimate	...	...	...	—	—	—
TOTALS ...				2	2	0

Rate per 1,000 total (live and still) births 29.85
 England and Wales 22.4

DEATHS				<i>Total</i>	<i>Males</i>	<i>Females</i>
				65	42	23
Death rate per 1,000 of the estimated population (crude) ...						13.16
Death rate per 1,000 of the estimated population (corrected)						12.37
Death rate from Pregnancy, Childbirth and Abortion ...						—
Death rate of infants under one year of age :—						
All infants per 1,000 live births						—
Legitimate infants per 1,000 legitimate live births ...						—
Illegitimate infants per 1,000 illegitimate live births ...						—
Death rate from Measles (all ages)						—
Death rate from Whooping Cough (all ages)						—

Death rate from Enteritis and Diarrhoea (under two years of age)	—
Death rate from Malignant Neoplasms	4.05
Death rate from Acute Poliomyelitis and Polioencephalitis ...	—
Death rate from Diphtheria	—
Death rate from Respiratory Tuberculosis	—
Death rate from Influenza	0.61
Death rate from Pneumonia	—
Death rate from Typhoid and Paratyphoid Fevers	—

Maternal Mortality Rates for :—	<i>Maternal Causes Excluding Abortion</i>	<i>Due to Abortion</i>	<i>Total Maternal Mortality</i>
England and Wales per 1,000 Total (Live and Still) Birth	0.39	0.08	0.47
Desborough Urban District	—	—	—

Deaths.—Comparability factor for 1957 was 0.94. The crude death rate per 1,000 population for 1957 was 13.16 which multiplied by the comparability factor of 0.94 supplied by the Registrar General, gives a corrected death rate of 12.37. This death rate of 12.37 is the rate which, it is assumed, would be arrived at if the age and sex distribution of the population of Desborough Urban District were distributed in the same proportions as that of England and Wales as a whole.

England and Wales	11.5
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Births.—The following table shows the birth rate for 1957 together with the rate for England and Wales.

LIVE BIRTH RATES, 1957

A comparability factor has been issued for 1957 by the Registrar General, which allows for the different age and sex distribution of Desborough and provides a basis for comparison with that of England and Wales as a whole.

Desborough	13.16
Desborough corrected by comparability factor 1.05	13.81
England and Wales	16.1

INFANTILE MORTALITY RATES, 1957

Infantile mortality is the number of deaths in children under one year of age per 1,000 live births. This is an indication of the environmental and social conditions of a community with special reference to housing, overcrowding and maternity and child welfare.

Desborough	...	...	...	...	—
England and Wales	...	...	...	...	23.0

NEONATAL MORTALITY RATES, 1957

Neonatal mortality is the number of deaths in children under four weeks of age per 1,000 live births.

Desborough	...	...	...	...	—
England and Wales	...	...	...	...	16.5

The causes of deaths in children under one year of age with age and sex distribution are given in the following table.

DEATHS OF INFANTS UNDER ONE YEAR OF AGE

Nil.

The registered causes of death were as follows :—

						<i>Males</i>	<i>Females</i>	<i>Total</i>
All causes	...	...	...	...	...	42	23	65
1.	Tuberculosis, respiratory	...	...	...	...	—	—	—
2.	Tuberculosis, other	...	...	...	...	1	—	1
3.	Syphilitic disease	...	...	...	...	—	—	—
4.	Diphtheria	...	...	...	...	—	—	—
5.	Whooping Cough	...	...	...	...	—	—	—
6.	Meningococcal infections	...	...	...	...	—	1	1
7.	Acute poliomyelitis	...	...	...	...	—	—	—
8.	Measles	...	...	...	...	—	—	—
9.	Other infective and parasitic diseases	...	...	...	...	—	—	—
10.	Malignant neoplasm stomach	...	...	...	...	4	—	4
11.	Malignant neoplasm lung bronchus	...	...	...	...	3	1	4
12.	Malignant neoplasm breast	...	...	...	...	—	1	1
13.	Malignant neoplasm uterus	...	...	...	...	—	1	1
14.	Other malignant and lymphatic neoplasms	...	...	...	...	6	4	10
15.	Leukaemia, aleukaemia	...	...	...	...	—	—	—
16.	Diabetes	...	...	...	...	—	—	—
17.	Vascular lesions of nervous system	...	...	...	...	5	8	13
18.	Coronary disease, angina	...	...	...	...	6	1	7
19.	Hypertension with heart disease	...	...	...	...	1	—	1
20.	Other heart disease	...	...	...	...	4	—	4
21.	Other circulatory disease	...	...	...	...	3	3	6
22.	Influenza	...	...	...	...	1	2	3
23.	Pneumonia	...	...	...	...	—	—	—
24.	Bronchitis	...	...	...	...	3	—	3
25.	Other disease of the respiratory system	...	...	...	...	—	—	—
26.	Ulcer and stomach duodenum	...	...	...	...	—	—	—
27.	Gastritis, enteritis and diarrhoea	...	...	...	...	—	—	—
28.	Nephritis and nephrosis	...	...	...	...	2	1	3

Registered causes of death— <i>continued</i>				<i>Males</i>	<i>Females</i>	<i>Total</i>
29.	Hyperplasia of prostate	...	...	—	—	—
30.	Pregnancy, childbirth, abortion	...	...	—	—	—
31.	Congenital malformations	...	...	—	—	—
32.	Other defined and ill-defined diseases			2	—	2
33.	Motor vehicle accidents	...	...	1	—	1
34.	All other accidents	...	...	—	—	—
35.	Suicide	...	...	—	—	—
36.	Homicide and operations of war	...	...	—	—	—

SECTION B. General Provision of Health Services.

(a) **Laboratory Facilities.**—Bacteriological examinations are carried out by the Public Health Laboratory at Northampton and by the Laboratory of the Kettering General Hospital.

The following specimens were examined :—

Faeces	...	...	...	...	...	3
--------	-----	-----	-----	-----	-----	---

(b) **Ambulance Facilities.**—The County Council is responsible for Ambulance Services. The St. John Ambulance Brigade carry out the service on behalf of the County Council for non-infectious cases.

(c) **Nursing in the Home.**—The County Council is responsible for the Home Nursing Service.

(d) **Treatment Centres and Clinics.**—A County Council Welfare Clinic is held twice a month. A medical Officer attends one session a month.

The treatment of Tuberculosis and Venereal Diseases is carried out by the Regional Hospital Board.

DIPHTHERIA IMMUNISATION

The number of children who were immunised in 1957 is as follows :—

Under 5 years of age	...	...	...	—
5 to 15 years of age	...	...	...	2
TOTAL	...	...	...	2
Boosters	...	...	...	47

The number of children who had completed a full course of immunisation at any time up to 31st December, 1957 is as follows :—

Age at 31.12.57	Under 1		1	2	3	4
<i>i.e.</i> Born in Year	...	...	1957	1956	1955	1954
No. Immunised	...	...	17	48	35	48
Age at 31.12.57	5—9		10—14	Total		
<i>i.e.</i> Born in Year	...	...	1948-52	1943-47	Under 15	
No. Immunised	...	...	254	193	651	

WHOOPING COUGH VACCINATION

	Under 1	1—4	5—14	Total	Boosters
Whooping Cough Only ...	—	—	—	—	—
Combined Diphtheria/Pertussis	52	4	—	56	31

VACCINATION

The following table gives the number of vaccinations undertaken during the year :—

	Under 1	1—4	5—14	15 or over	Total
Primary	32	2	—	2	36
Re-vaccination ...	—	—	4	8	12

POLIOMYELITIS VACCINATION

The following table gives the number of vaccinations undertaken during the year :—

Under 1	1—4	5—9	10—14	Total
—	9	47	20	76

My thanks are due to the County Medical Officer of Health for the above figures.

National Assistance Act, 1948, Section 47.—No formal action was taken during the year.

SECTION C. Sanitary Circumstances of the Area.

Report by

J. HOLDSWORTH,

M.R.SAN.I., M.S.I.A., CERT. MEAT AND FOODS, R.S.I.

SURVEYOR AND PUBLIC HEALTH INSPECTOR.

I have the honour to submit my report for the year 1957.

Water Supply.—The Mid-Northamptonshire Water Board has maintained a good supply of water both in quantity and quality throughout the year.

Bacteriological examinations of the supply were made by the Board weekly and the results were very satisfactory.

The whole of the population is served by the public piped supply with the exception of four farms which are a long distance from the service mains. About one eighth of the houses and population, mostly in the old portion of the town, are served by standpipes in the yard or at the rear of the houses. The water supply to the other houses is direct.

Drainage and Sewerage.—Proposals for the installation of new sludge beds and pumping machinery are now before the Ministry. It is to be hoped that sanction to proceed is received at an early date in order that the existing unsatisfactory method of disposal of both humus tank washings and drainage from sludge beds might be discontinued.

SECTION D. Public Health and Housing Acts.

Sanitary Inspections of the Area.—During the year 176 complaints relative to dwelling houses were investigated. Informal action was taken in each case. The nuisances referred mainly to minor housing structural defects and drainage.

In addition to the foregoing, 615 complaints were received from tenants of Council Houses relating to defects. In each case appropriate action was taken.

Public Health and Housing Acts.—Works under these Acts for the purpose of rectifying defects and abating nuisances has been continued throughout the year and the following tables give details of the routine work carried out.

- (1) Inspection of dwelling houses :—
 1. (a) No. of houses inspected for defects ... 176
 - (b) Inspections made for the purpose ... 176
 2. (a) No. of houses inspected and recorded under the Housing Consolidation Regulations ... 19
 - (b) Inspections made for the purpose ... 19
 3. No. of houses found to be in a state dangerous or injurious to health so as to be unfit for human habitation ... 15
 4. Dwelling houses (exclusive of those under preceding head) not in all respects reasonably fit for human habitation ... 6
- (2) Remedy of defects during the year without service of formal notice :—

No. of defective dwellings rendered fit in consequence of informal action by the Local Authority or their Officers ... 176
- (3) Action under Statutory Powers :—
 - (a) Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936 :—
 1. No. of houses in respect of which notices were served requiring repairs ... —
 2. No. of dwelling houses which were rendered fit by owners or the Local Authority after service of formal notice ... —

(b) Proceedings under Public Acts : —

- | | | | |
|----|--|-----|---|
| 1. | No. of dwellings in respect of which notices were served requiring repairs | ... | — |
| 2. | No. of dwelling houses in respect of which defects were remedied after serving notices | | — |

(c) Proceedings under Section 11 and 13 of the Housing Act, 1936 : —

- | | | | | |
|----|---|-----|-----|----|
| 1. | No. of dwelling houses in respect of which demolition orders were made | ... | ... | 26 |
| 2. | No. of houses demolished in pursuance of demolition orders | ... | ... | — |
| 3. | No. of houses closed in pursuance of an undertaking given by owners under Section 11 and still in force | ... | ... | — |

Housing.—Ten houses were completed during the year by private enterprise. The Council had none and private enterprise had six houses in the course of construction at the end of the year.

Rats and Mice Destruction Act.—The house refuse tip and the sewage works have been treated during the year at intervals. Both sites have been kept free from rats.

Factories Act, 1937.—12 inspections of factories were made. The total number of outworkers in August 1957 was 64.

SECTION E. Inspection and Supervision of Food.

Milk and Dairies Regulations, 1949.—There are four dairies registered under the above regulations. All are kept in a satisfactory condition.

Meat.—There are three slaughterhouses in the area, from one of which a wholesale business is carried on. All are kept in a satisfactory condition.

I give below a table setting out the number of animals killed, the number inspected and the number affected with disease.

The total weight of meat or offal condemned as a result of inspection was 4 tons 5 cwt. 3 qrs. 17 lbs. ; of that 2 tons 6 cwt. 1 qrs. 27 lbs. were affected with tuberculosis.

Carcases Inspected and Condemned

	<i>Cattle excluding Cows</i>	<i>Cows</i>	<i>Calves</i>	<i>Sheep and Lambs</i>	<i>Pigs</i>	<i>Total</i>
Number killed (if known) ...	1455	1	4	5611	2301	9372
Number Inspected	1450	1	4	5591	2296	9342

All diseases except T.B.

Whole carcases con- demned ...	—	—	—	1	—	1
Carcases of which some part or organ was condemned ...	192	—	1	55	57	305
Percentage of the number inspected affected with dis- ease other than T.B. ...	13.55%	—	25.0%	0.99%	2.47%	3.27%

Tuberculosis only

Whole carcases con- demned ...	2	—	—	—	—	2
Carcases of which some part or organ was condemned ...	120	—	—	—	41	161
Percentage of the number inspected affected with Tub- erculosis ...	8.41%	—	—	—	1.78%	1.74%

Other Foodstuffs Condemned.—108 lbs.

Fish Frying.—The three fish frying establishments were kept in a satisfactory state throughout the year.

Bakehouses.—There is only one bakehouse in the town. It has been kept in a clean condition. Up-to-date sanitary accommodation is provided together with a constant supply of hot and cold water.

Ice Cream—Heat Treatment Regulations 1947-52.—There are no licensed manufacturers of ice cream in the Urban area. All ice cream sold in the area is pre-packed. The number of registrations for the sale of ice cream is nine.

Clean Food Campaign.—Notices are continued to be displayed in all food shops requesting shoppers, in the interest of hygiene, not to bring dogs into the premises. These notices appear to be serving their purpose.

Food Hygiene Regulations 1955-56.—There are 32 foodshops in the town made up as follows :—17 Grocery, 3 Confectionery, 6 Butchers, 3 Greengrocers, 3 Fishfriers.

In conclusion, I would like to put on record my thanks for the continued help and support of the Chairman and Members of the Public Health Committee.

SECTION F. Infectious Diseases.

During the year there were 96 notifications compared with four last year.

Measles.—During the year 94 cases were notified compared with two cases in 1956. All these cases occurred during the period February to April.

Scarlet Fever.—Two cases were notified during the year. One case was removed to hospital. Both of these cases recovered.

TUBERCULOSIS

Public Health (Prevention of Tuberculosis) Regulations, 1925.

These regulations empower the Council to prevent persons suffering from Tuberculosis to engage in the milk trade. No action was taken during 1957.

Two cases of Respiratory and one case of Non-Respiratory Tuberculosis were notified during the year. The Non-Respiratory case died during the year. One case of Respiratory Tuberculosis was removed from the register as cured.

The number of cases in the register at the end of 1957 was as follows :—

Respiratory			Non-Respiratory			<i>Grand Total</i>
<i>Males</i>	<i>Females</i>	<i>Total</i>	<i>Males</i>	<i>Females</i>	<i>Total</i>	
10	9	19	—	—	—	19

MONTHLY INCIDENCE OF NOTIFIABLE DISEASES (Other than Tuberculosis) 1957

Disease	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Measles ...	—	57	25	12	—	—	—	—	—	—	—	—	94
Scarlet Fever ...	—	1	—	—	—	—	—	—	—	—	1	—	2
TOTALS ...	—	58	25	12	—	—	—	—	—	—	1	—	96

AGE INCIDENCE OF NOTIFIABLE DISEASES (Other than Tuberculosis) 1957

Disease	0-	1-	2-	3-	4-	5-	10-	15-	20-	35-	45-	65+	All Ages	Removed to Hospital	Deaths	Age Unknown
Measles ...	1	11	3	12	17	50	—	—	—	—	—	—	94	—	—	—
Scarlet Fever ...	—	—	—	—	—	1	1	—	—	—	—	—	2	1	—	—
TOTALS ...	1	11	3	12	17	51	1	—	—	—	—	—	96	1	—	—

NEW CASES OF TUBERCULOSIS, 1957

Age Period	RESPIRATORY		NON-RESPIRATORY	
	Male	Female	Male	Female
0—	—	—	—	—
1—	—	—	—	—
5—	—	—	—	—
15—	—	1	—	—
25—	—	—	—	—
35—	—	—	—	—
45—	1	—	—	—
55—	—	—	—	—
65—	—	—	1	—
TOTALS	1	1	1	—

DEATHS FROM TUBERCULOSIS, 1957

Age Period	RESPIRATORY		NON-RESPIRATORY	
	Male	Female	Male	Female
0—	—	—	—	—
1—	—	—	—	—
5—	—	—	—	—
15—	—	—	—	—
25—	—	—	—	—
35—	—	—	—	—
45—	—	—	—	—
55—	—	—	—	—
65—	—	—	1	—
TOTALS	—	—	1	—

